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INFORMATION DISCLOSURE CITATION

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Docket Number (Optional)	Application Number
UC2000-303-2	09/975,735
Applicant(s)	
J.J. GARCIA-LUNA-ACEVES; SRINIVAS VUTUKURY	
Filing Date	**Group Art Unit**
OCTOBER 20, 2001	2661

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*EXAMINER INITIAL		OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*
		Wang, Z. and Crowcroft, J.; "QUALITY-OF-SERVICE ROUTING FOR SUPPORTING MULTIMEDIA APPLICATIONS," IEEE Journal on Selected Areas in Communications, Vol. 14, pp. 1128-1234, (1996).
		Parekh, A.K. and Gallager, R.G.; "A GENERALIZED PROCESSOR SHARING APPROACH TO FLOW CONTROL IN INTEGRATED SERVICES NETWORKS: THE SINGLE-NODE CASE," IEEE/ACM Transactions on Networking, Vol. 1, pp. 344-357, June, 1993.
		Parekh, A.K. and Gallager, R.G.; "A GENERALIZED PROCESSOR SHARING APPROACH TO FLOW CONTROL IN INTEGRATED SERVICES NETWORKS: THE MULTIPLE-NODE CASE," IEEE/ACM Transactions on Networking, Vol. 2, pp. 137-150, April, 1994.
		Stoica, I. and Zhang, H.; "PROVIDING GUARANTEED SERVICE SITHOUT PER FLOW MANAGEMENT," Proceedings of ACM SIGCOMM, pp. 81-94, September, 1999.
		Stoica, I. and Zhang, H.; "A MODEL FOR SERVICE DIFFERENTIATION IN THE INTERNET," NOSSDAV, pp. 1-14, July, 1998.
		Goyal, P. and Vin, H.; "ON THE EFFECTIVENESS OF BUFFER IN DETERMINISTIC SERVICES," Proceedings of the International Workshop on Network and Operating System Support for Digital Audio and Video, pp. 1-12, July, 1998.
		Grossglauser, M., Keshav, S., and Tse, D.; "RCBR: A SIMPLE AND EFFICIENT SERVICE FOR MULTIPLE TIME-SCALE TRAFFIC," Proceedings of ACM SIGCOMM, pp. 219-230, (1995).
		Guerin, R. et al.; "QoS ROUTING MECHANISMS AND OSPF EXTENSIONS," Request for Comments 2676, IBM T.J. Watson Research Center and Network Working Group, pp. 1-50, (1998)
		Guerin, R. et al.; "SCALABLE QoS PROVISION THROUGH BUFFER MANAGEMENT," Proceedings of ACM SIGCOMM, pp. 29-40, (1998).
		Baker, F. et al.; "AGGREGATION OF RSVP FOR IPv4 AND IPv6 RESERVATIONS," Request for Comments 3175, Cisco Systems and Network Working Group, pp. 1-36, (1999).
		Apostolopoulos, G. et al.; "ON REDUCING THE PROCESSING COST OF ON-DEMAND QoS PATH COMPUTATION," Journal of High Speed Networks, Vol. 7, pp. 77-98, (1998).
		Ma, Q. and Steenkiste, P.; "QUALITY-OF-SERVICE ROUTING FOR TRAFFIC WITH PERFORMANCE GUARANTEES," Proceedings IFIP International Workshop on Quality of Services, pp. 115-136, May, 1997.

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*EXAMINER INITIAL		OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*
	C	Braden and Steenkiste, P.; "ON PATH SELECTION FOR TRAFFIC WITH BANDWIDTH GUARANTEES," Proceedings of International Conference on Network Protocols, pp. 1-12, October, 1997.
		Ferrari, D. and Verman, D.; "A SCHEME FOR REAL-TIME CHANNEL ESTABLISHMENT IN WIDE-AREA NETWORKS," IEEE Journal on Selected Areas in Communication, Vol. 8, pp. 368-379, (1990).
		Clark, D., Shenker, S. and Zhang, L.; "SUPPORTING REAL-TIME APPLICATIONS IN AN INTEGRATED SERVICES PACKET NETWORK ARCHITECTURE AND MECHANISM," Proceedings of ACM SIGCOMM, pp. 1-13, August, 1992.
		Georgiadis, L., Guerin, R., Peris, V. and Sivaranjan, K.; "EFFICIENT NETWORK QoS PROVISIONING BASED ON PER NODE TRAFFIC SHAPING," IEEE/ACM Transactions on Networking, pp. 482-501, August, 1996.
		Kandlur, D., Shin, K.G., and Ferrari, D.; "REAL-TIME COMMUNICATION IN MULTI-HOP NETWORKS," Proceedings RTAS, pp. 200-307, (1991).
		Berson, S. and Vincent, S.; "AGGREGATION OF INTERNET INTEGRATED SERVICES STATE," University of Southern California Information Sciences Institute, Internet Drafts, pp. 1-12, November, 1997.
		Apostolopoulos, G. et al., "QUALITY OF SERICE BASED ROUTING: A PERFORMANCE PERSPECTIVE," Proceedings of ACM SIGCOMM, pp. 1-12, (1998).
		Braden, R., Clark, D. and Shenker, S.; "INTEGRATED SERVICES IN TEH INTERNET ARCHITECTURE: AN OVERVIEW," Request for Comments 1633, University of Southern California Information Sciences Institute, Network Working Group, pp. 1-28, June, 1994.
		Cruz, R.L.; "A CALCULUS FOR NETWORK DELAY, PART I: NETWORK ELEMENTS IN ISOLATION," IEEE Trans. Inform. Theory, Vol. 37, No. 1; pp. 114-121, (1991).
		Cruz, R.L.; "A CALCULUS FOR NETWORK DELAY, PART II: NETWORK ANALYSIS," IEEE Trans. Inform. Theory, Vol. 37, No. 1, pp. 121-141, (1991).
		Shreedhar, M. and Varghese, G.; "EFFICIENT FAIR QUEUING USING DEFICIT ROUND ROBIN," Proceedings of ACM SIGCOMM, pp. 231-242, (1995).
		Demers, A., Keshav, S. and Shenker, S.; "ANALYSIS AND SIMULATION OF A FAIR QUEING ALGORITHM," Proceedings of ACM SIGCOMM, pp. 1 thru 12, (1989).

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	Zhang, L., "VIRTUALCLOCK: A NEW TRAFFIC CONTROL ALGORITHM FOR PACKET SWITCHING NETWORKS," ACM SIGCOMM, pp. 19-29, (1990).
	Partridge, C.; "A PROPOSED FLOW SPECIFICATION," Request for Comments 1363, BNN, Network Working Group, pp. 1-20, September, 1992.
	Shenker, S., Partridge, C. and Guerin, R.; "SPECIFICATION OF GUARANTEED QUALITY OF SERVICE: CAN OVERVIEW," Request for Comments 2212, Xerox PARC, Network Working Group, pp. 1-20, Septembere, 1997.
	Shenker, S. and Wroclawski, J.; "GENERAL CHARACTERIZATION PARAMETERS FOR INTEGRATED SERVICE NETWORK ELEMENTS, Request for Comments 2215, Xerox PARC, Network Working Group, pp. 1-16, September, 1997.
	Wroclawski, J.; "SPECIFICATION OF THE CONTROLLED-LOAD NETWORK ELEMENT SERVICE," Request for Comments 2211, MIT Laboratory for Computer Science, Network Working Group, pp. 1-19, September, 1997.
	Crawley, E. et al.; "A FRAMEWORK FOR QoS-BASED ROUTING IN THE INTERNET," Request for Comments 2386, Argon Networks, Network Working Group, pp. 1-35, August, 1998.
	Rosen, E., Viswanathan, A., and Callon, R.; "MULTIPROTOCOL LABEL SWITCHING ARCHITECTURE," Request for Comments 3031, Cisco Systems, Network Working Group, pp. 1-61, January, 1997. Republished in January, 2001.
	Black, D. et al.; "AN ARCHITECTURE FOR DIFFERENTIATED SERVICES," Request for Comments 2475, Torrent Networking Technologies, pp. 1-36, December, 1998.
	Kweon, S. and Shin, K.; "PROVIDING DETERMINISTIC DELAY GUARANTEES IN ATM NETWORKS," IEEE/ACM Transaction Networking, Vol. 6, No. 6, pp. 838-850, December, 1998.

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Serial No. 09/975,735	Filing Date OCTOBER 10, 2001	Examiner	Group Art Unit 2661

Invention: METHOD FOR MAINTAINING RESERVATION STATE IN A NETWORK ROUTER AND RESULTING SCALABLE INTEGRATED ARCHITECTURES FOR COMPUTER NETWORKS

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Serial No. 09/975,735	Filing Date OCTOBER 10, 2001	Examiner	Group Art Unit 2661

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